

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alfred H. Stiller</td> <td>12/02/2011</td> </tr> <tr> <td>Elliot B. Kennel</td> <td>12/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Alfred H. Stiller	12/02/2011	Elliot B. Kennel	12/05/2011				
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Alfred H. Stiller	12/02/2011										
Elliot B. Kennel	12/05/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>West Virginia University</td> </tr> <tr> <td>Street Address:</td> <td>886 Chestnut Ridge Road</td> </tr> <tr> <td>City:</td> <td>Morgantown</td> </tr> <tr> <td>State/Country:</td> <td>WEST VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>26506-6224</td> </tr> </table>		Name:	West Virginia University	Street Address:	886 Chestnut Ridge Road	City:	Morgantown	State/Country:	WEST VIRGINIA	Postal Code:	26506-6224
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13165935</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13165935						
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CORRESPONDENCE DATA											
<p>Fax Number: (412)471-4094</p> <p>Phone: 412-471-8815</p> <p>Email: assignments@webblaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: KENT E. BALDAUF, JR.</p> <p>Address Line 1: ONE GATEWAY CENTER</p> <p>Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200</p> <p>Address Line 4: PITTSBURGH, PENNSYLVANIA 15222</p>											
ATTORNEY DOCKET NUMBER:	6284-112318										
NAME OF SUBMITTER:	Kent E. Baldauf, Jr., Reg. No. 36,082										
<p>Total Attachments: 4</p> <p>source=112318assign#page1.tif</p> <p>source=112318assign#page2.tif</p> <p>source=112318assign#page3.tif</p> <p>source=112318assign#page4.tif</p>											

OP \$40.00 13165935

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Alfred H. Stiller  
Elliot B. Kennel

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) December 2, 2011; December 5, 2011

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: West Virginia University

Internal Address: 886 Chestnut Ridge Road

Street Address: \_\_\_\_\_

City: Morgantown

State: WV

Country: USA Zip: 26506-6224

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

13/165,935

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kent E. Baldauf, Jr.

Internal Address: The Webb Law Firm

Street Address: One Gateway Center

420 Ft. Duquesne Blvd., Suite 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-471-4094

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

☒ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 1059

Expiration Date 08/2010

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

January 5, 2012

Date

Kent E. Baldauf, Jr.

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

DOMESTIC  
Application No. 13/165,935  
Attorney Docket No. 6284-112318  
QUAN-0001-U01-C01

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

**HYDROGENATED VEGETABLE OIL IN COAL LIQUEFACTION**

(Invention Title)

☐ for which a United States Provisional Patent application was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☒ for which an application for a United States Patent was filed on 06/22/11 (mm/dd/yyyy) and bears Application Number 13/165,935 (hereinafter "said application").

AND/OR

☐ for which an international patent application was filed under the Patent Cooperation Treaty on \_\_\_\_\_ (mm/dd/yyyy), bearing Application No. \_\_\_\_\_ (hereinafter "said application").

AND, WHEREAS, West Virginia University, a nonprofit corporation having its principal place of business at 886 Chestnut Ridge Road, Morgantown, WV 26506-6224, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me

DOMESTIC  
Application No. 13/165,935  
Attorney Docket No. 6284-112318  
QUAN-0001-U01-C01

respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:  
Alfred H. Stiller

RESIDENCE:  
Morgantown, WV

EXECUTED this 2<sup>nd</sup> day of December, 2011

Alfred H. Stiller  
SIGNATURE

STATE of West Virginia )

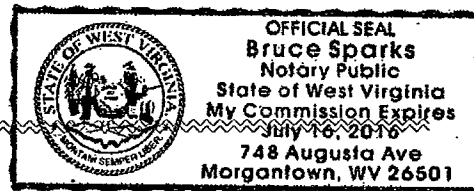
COUNTY of Monongalia )

On this 2<sup>nd</sup> day of December, in the year 2011, before me BRUCE SPARKS,  
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared Alfred H. Stiller,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

Bruce Sparks  
NOTARY PUBLIC



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☒ Checked Box indicates 1 additional page(s) for inventor signatures.

DOMESTIC  
Application No. 13/165,935  
Attorney Docket No. 6284-112318  
QUAN-0001-U01-C01

2. FULL NAME OF ASSIGNOR:  
Elliot B. Kennel

RESIDENCE:  
Morgantown, WV

EXECUTED this 5<sup>th</sup> day of December, 2011

Elliot B Kennel

SIGNATURE

STATE of West Virginia

COUNTY of Monongalia

On this 5<sup>th</sup> day of December, in the year 2011, before me BRUCE SPARKS  
DAY MONTH YEAR NOTARY PUBLIC NAME  
a notary public, personally appeared Elliot B. Kennel,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

Bruce Sparks

NOTARY PUBLIC

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